

IN THE CLAIMS

Please cancel claims 4, 6, 11, 14, 17, 19, 20 and 22-23 without prejudice or disclaimer of the subject matter contained therein.

Please amend the following claims.

1. (Amended) An auto balancing apparatus for a disk drive, comprising:
a ball casing having a racing space [and installed at] on a rotation member, said rotation member adapted to rotate [means for rotating] a disk;
a racing face formed in the racing space;
a plurality of balls which roll along [a] the racing face [formed in the racing space] for [thereby] implementing a balancing operation; and
a guide [means] for guiding [the] movement[s] of the balls, wherein said guide includes a limiter and prevents movement of the balls before the balancing operation is performed, said limiter including a plurality of ribs formed on a floor surface in the racing space.

2. (Amended) The apparatus of claim 1, wherein [in] said guide [means,] renders the balls to perform a balancing operation when the rotation [means] member is rotated at a certain speed.

3. (Amended) The apparatus of claim 1, wherein said guide [means acts as] includes a [limitation means] limiter for limiting the balancing operation of the balls when the rotation [means] member is rotated at a relatively lower rotation speed, and an enhancing [means] member for guiding the balls toward the racing face when said rotation member is rotated at a relatively higher rotation speed.

4
9. (Amended) The apparatus of claim 1, wherein said guide [means is] includes an enhancing [means] member for guiding the balls on the racing face during the balancing operation.

10 5 4
10. (Amended) The apparatus of claim 4, wherein said enhancing [means] member [is a] includes the plurality of ribs and the plurality of ribs are formed at a certain interval on [a] the floor surface in the racing space [at a certain interval].

11 7 5
11. (Amended) The apparatus of claim 7, wherein said ribs are spaced-apart at an angle of [90E] 90°, respectively.

12 8 4
12. (Amended) The apparatus of claim 4, wherein said enhancing [means] member is an inclined surface which is upwardly inclined from a center portion of an inner floor surface of the ball casing, which forms the racing space, toward the racing face.

13 9 4
13. (Amended) The apparatus of claim 4, wherein said enhancing [means] member is an inclined step portion formed at an outer side in the racing space.

14 10 9
14. (Amended) The apparatus of claim 13, wherein said inclined step portion includes:
[a guide] an inclined surface extended from the floor surface of the racing space toward the racing face; and
a plane surface formed at a portion neighboring [with] the racing face.

11 4
13. (Amended) The apparatus of claim 5, wherein said enhancing [means] member includes:

A13
an inclined step portion formed at an outer portion of the upper surface in the racing space; and

a lower plate made of a metallic material and installed at a lower portion in the racing space.

A14 13
18. (Amended) The apparatus of claim [17] 1, wherein said [limitation means] limiter [is] includes a plurality of magnets installed at a certain interval on an inner wall surface in the racing space [at a certain interval].

A15 14
21. (Amended) The apparatus of claim [20] 1, wherein [said] a friction rough surface is formed on a floor portion in the racing space.

Please add the following new claims.

A16
--24. An auto balancing apparatus for a disk drive, comprising:
a rotation member for rotating a disk;
a ball casing on the rotation member, the ball casing having a racing space;
a racing face formed in the racing space;
a plurality of balls which roll along the racing face for implementing a balancing operation;
a guide for guiding the movements of the balls, said guide being a magnet installed on a surface of the racing space,

wherein said guide limits movement of the balls before the balancing operation is performed.

25. The apparatus of claim 24, wherein said magnet is at a floor of the racing space.

26. The apparatus of claim 24, wherein said magnet is on an upper surface in the racing space.

27. The apparatus of claim 24, wherein said magnet is on a wall surface in the racing space.

28. An auto balancing apparatus for disk drive, comprising:

a rotation member for rotating a disk;

a ball casing on the rotation member, the ball casing having a racing space;

a racing face formed in the racing space;

a plurality of balls which roll along the racing face for implementing a balancing operation;

a guide for guiding the movements of the balls, said guide including a limiter formed on a surface of the racing face,

wherein said guide prevents movement of the balls before the balancing operation is performed.

29. The apparatus of claim 28, wherein said limiter is a friction seat attached on a lower surface of the rotation member which is an upper surface of the ball casing.